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Date of Deposit 6/20/03

Our File No. 9281/4578 Client Reference No. N US02051

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:	)
Atsus	hi Magara	)
Serial	No. To Be Assigned	)
Filing	Date: Herewith	)
For	Rotary Head with Small Output Difference and Tape-Medium, Recording and playback Apparatus Using the Same	)

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

Japanese Unexamined Patent Application Publication No. 5-290338 discloses an azimuth recording operation..

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,

Gustavo Siller, Jr.

Registration No. 32,305

Attorney for Applicant

BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, ILLINOIS 60610 (312) 321-4200

FORM PTO-1449	SERIAL NO.	·	CASE NO.
		To be Assigned	9281/4578
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE		GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE		Herewith	
STATEMENT			
(use several sheets if necessary)	APPLICANT(S	s): Atsushi Magara	1

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	 				2-2-4-7
					***

## **FOREIGN PATENT DOCUMENTS**

TOREIGHT ATENT BOOMIENTO							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
	A1	5-290338	11/1993	JP		X	
					+		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.